

ABSTRACT

A temperature control system for a bathing unit that includes a water holding receptacle and a heating module. The temperature control system comprises a plurality of actuators 5 associated to the heating module and a temperature regulation device in communication with the actuators. The plurality of actuators are adapted for acquiring a first set of actuation patterns for causing the heating module to acquire a non-heating state and a second set of actuation patterns for causing the heating module to acquire a heating state. The temperature regulation device is operative for controlling the plurality of actuators to 10 cause the heating module to acquire either one of the heating state or the non-heating state and for selecting a configuration from the first set of actuation patterns for causing the heating module to acquire the non-heating state. Alternatively, the temperature control system includes a solid state device associated with the heating module.